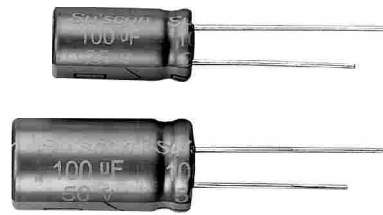


YR series

- Ideally suited for first class audio equipment where qualitative and quantitative comfortableness is required.
- 適用於高級音響器材；當要求舒適的音頻質量。



YR

SPECIFICATIONS

Items 項目	Characteristics 特性			
Capacitance Tolerance 靜電容量誤差	± 20% (120Hz, 20°C)			
Operating Temperature Range 適用溫度範圍	-40 ~ +85°C			
Rated Voltage Range 工作電壓範圍	25 ~ 100V			
Leakage Current 洩漏電流	$I \leq 0.01CV$ or less (After 1 minute application of working voltage)			
Dissipation Factor 散逸因素 (tan δ)	Measurement Frequency: 120Hz. Temperature: 20°C			
	Rated Voltage (V)	25	50	100
	tan δ (Max)	0.12	0.08	0.07
Low Temperature Stability 低溫特性 Impedance Ratio (Max) 阻抗比率 (最大值)	Measurement Frequency: 120Hz.			
	Rated Voltage (V)	25	50	100
	Z (-25°C) / Z (20°C)	2	2	2
	Z (-40°C) / Z (20°C)	4	3	3
Load Life 負荷壽命	1,000hours, with application of working voltage at 85°C			
	Capacitance Change	Within ± 20% of Initial Value		
	tan δ	150% or less of Initial Specified Value		
	Leakage Current	Initial Specified Value or less		
Shelf Life 放置壽命	1,000hours, no voltage applied, at 85°C ◦ After Test: U _R to be applied for 30 minutes, 24 to 48hours before measurement.			
	Capacitance Change	Within ± 20% of Initial Value		
	tan δ	150% or less of Initial Specified Value		
	Leakage Current	Initial Specified Value or less		
Standards 參照標準	JIS C 5101-4-1 and JIS C 5101-2			

PERMISSIBLE RIPPLE CURRENT

Temperature Coefficient

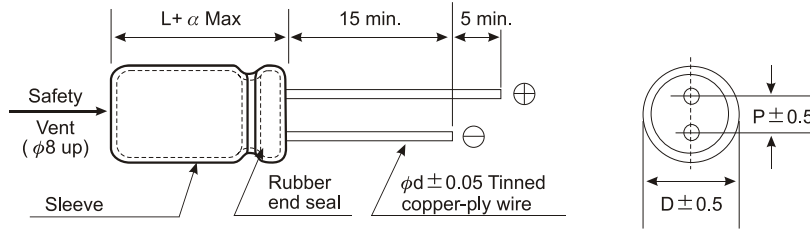
TEMP (°C)	75	85
Coefficient	1.35	1.00

Frequency Coefficient

Frequency (Hz)	50	120	1K	≥ 10K
Coefficient	0.80	1.00	1.30	1.50

YR series

DIMENSIONS (mm)



ϕD	8	10	13	16	18
P	3.5	5.0	5.0	7.5	7.5
ϕd	0.5	0.6	0.6	0.8	0.8

α	(L < 16) 1.0 (L \geq 16) 2.0
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STANDARD RATINGS

DxL (mm); R.C.: (mA rms) at 85°C, 120Hz.

Cap (μF)	WV(V) (Code) Item	25 (1E)		50 (1H)		100 (2A)	
		D x L	R.C.	D x L	R.C.	D x L	R.C.
10						8x12	185
22				8x12	250	10x16	315
33		8x12	237	10x13	315	10x20	420
47		10x13	325	10x16	375	13x21	440
100		10x16	475	13x21	625	16x26	760
220		13x21	800	16x26	880	16x36	1200
330		13x25	925	16x32	1160	18x35	1500
470		16x26	1050	16x36	1520		
1000		16x36	1900	18x40	2700		

※ 13mm may be replaced by 12.5mm upon customer's request.